

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000770 A1

(51) International Patent Classification⁷: C05G 1/00, 5/00

(21) International Application Number:

PCT/NL2003/000480

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): MEL-
SPRING INTERNATIONAL B.V. [NL/NL]; Jan-
buitensingel 20, NL-6811 AD Arnhem (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): EVERS, Maurice,
Aloysius, Antonius [NL/NL]; Binnenstraat 6, NL-6674
BZ Herveeld (NL). TERLOUW, Anton [NL/NL]; Schel-
lenkrans 50, NL-6904 PV Zevenaar (NL).

(74) Agent: VAN WESTENBRUGGE, Andries; Nederland-
sch Octrooibureau, Scheveningseweg 82, P.O. Box 29720,
NL-2502 LS The Hague (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PRODUCTION OF A FERTILIZER AND FERTILIZER

(57) Abstract: The invention provides a process for the production of a fertilizer, the process comprising intimately mixing urea and a lignin compound thereby providing a blend, and heating the blend. In an embodiment of the process of the invention, there is provided a process for the production of an organomineral fertilizer, the process comprising: intimately mixing mineral fertilizer material, urea, a lignin compound and organic fertilizer material thereby providing a blend, and heating the blend. The invention provides also fertilizers that are not obtainable according to the process of the invention.

WO 2005/000770 A1